

DOZUKI

Using Your DOVETAIL JIG

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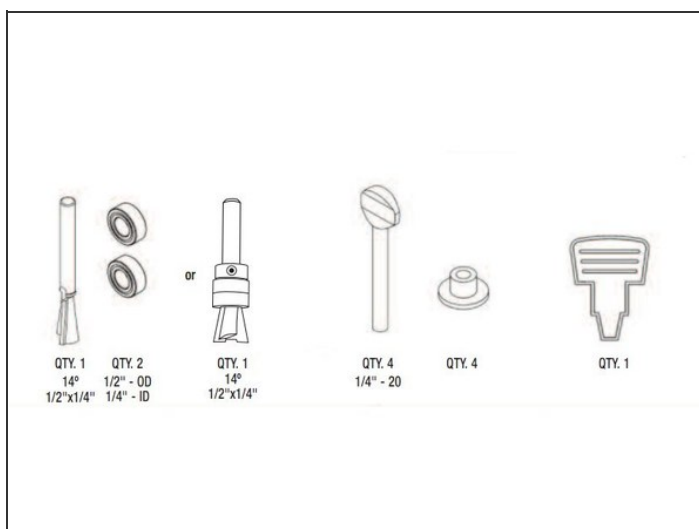
TOOLS:

- [DOVETAIL JIG No. 860 \(1\)](#)

SUMMARY

Thank you for purchasing General's DOVETAILER™ Dovetail Jig. A simple and easy way to make professional furniture joints.

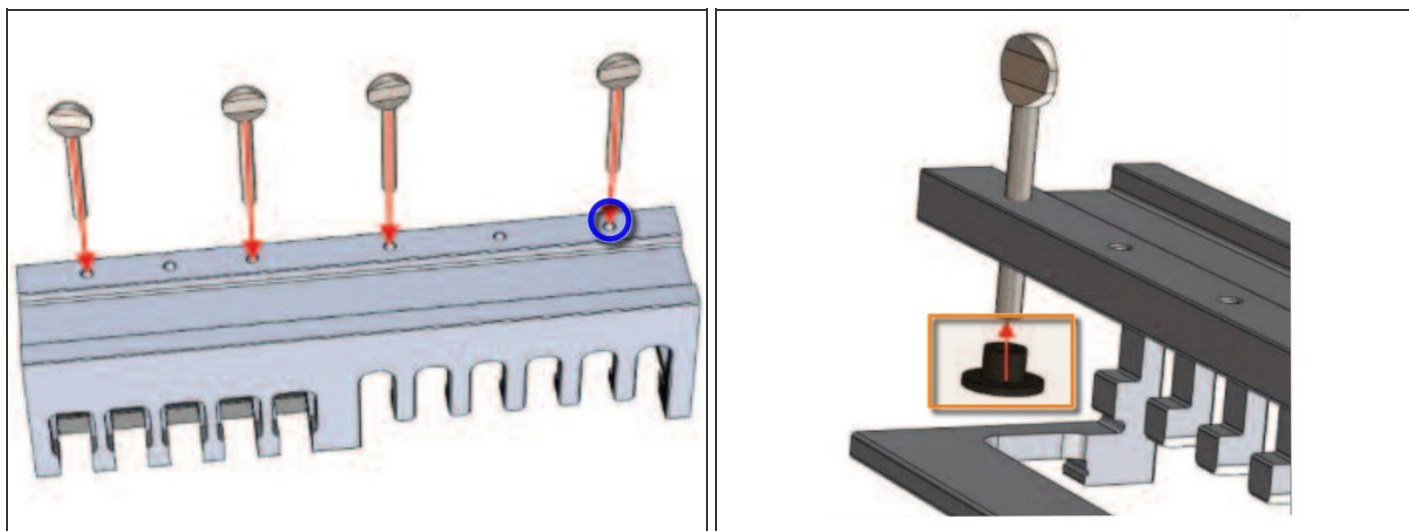
Step 1 — Before Starting



- Ensure that the bit is sharp. Blunt tools cannot produce good quality work, and increase the risk of a kickback and machine overload.
- Advance the bit evenly and at a moderate pace to ensure longer bit life and to protect against overloads
- Cut long sockets in stages if necessary to avoid any buildup of chips
- After installation of a new milling bit make sure that it turns easily in the milling position.
- Check the operation and setting of the tool on a sample piece before using on good wood
- Make sure both pieces of wood to be joined are perfectly flat by placing them against one another. Warped wood will cause an unsatisfactory joint.
- Remove all components from hardware bag and ensure that all are present and undamaged



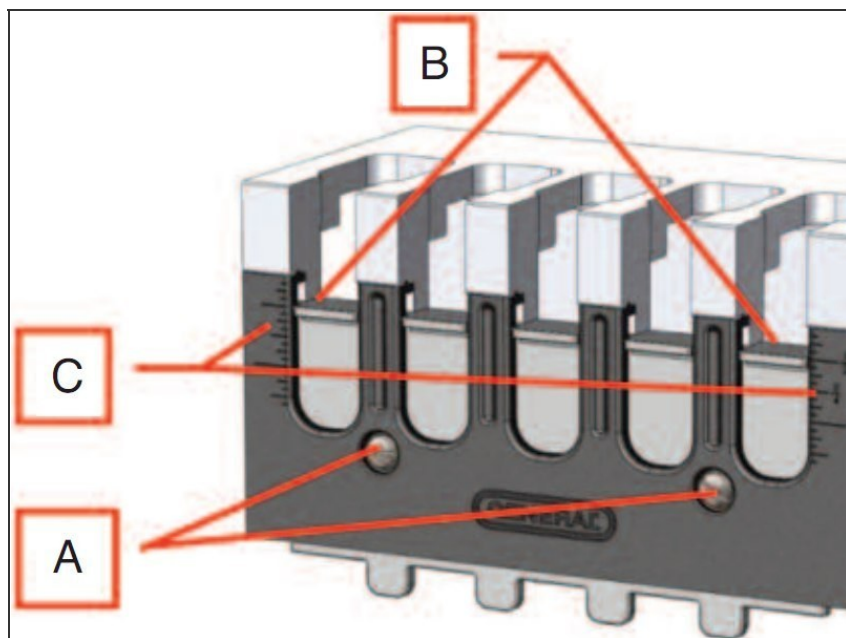
Step 2 — DOVETAIL JIG ASSEMBLY



- Install thumb screws into tapped holes as shown. Screw locations may be adjusted as needed
- Press non-marring ends onto thumbscrews
- Included bearings are 1/2" outside diameter (OD). Router sleeves or bushings can be substituted as long as they are also 1/2" OD. Included router bit is 14° x 1/2".
Other bits can be substituted providing they are also 1/2" diameter and their length is no greater than 3/4"



Step 3 — USING THE DEPTH GAUGE



- The depth Gauge is used to set the depth of the Dovetail Cutter during router setup. It is also used to control the length of the pins during cutting
- Loosen the two screws (A) on the face of the depth gauge
- Align the top surface (B) with the desired measurement on the ruled edges (C).
- Tighten the two screws (A) to lock the depth stop in position

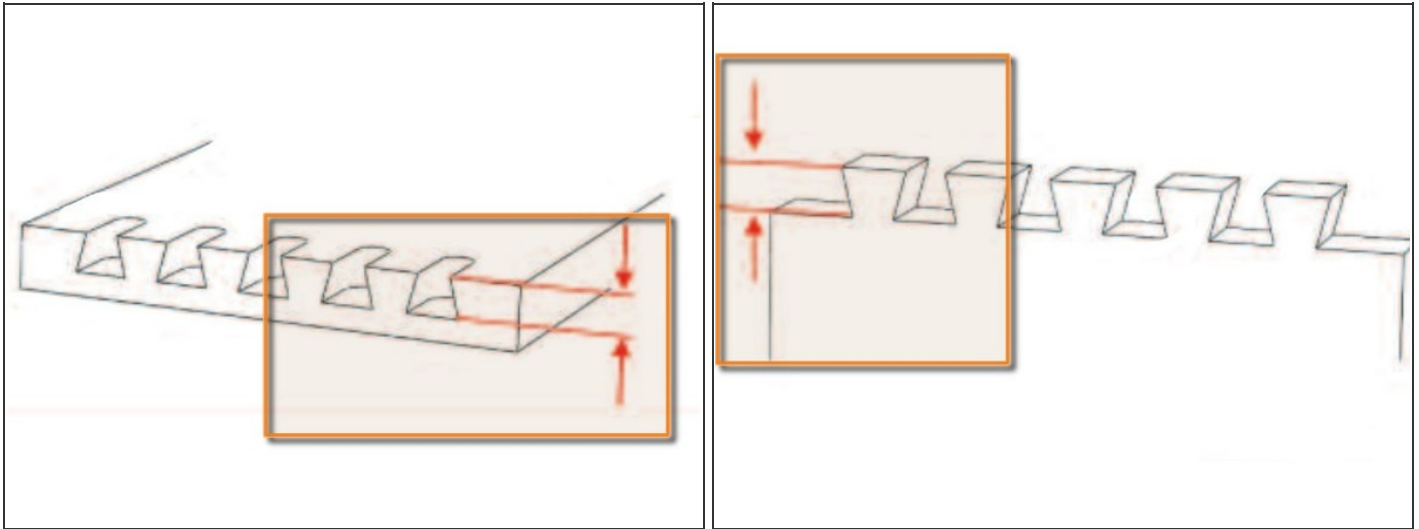
Step 4 — ROUTER SETUP



- Insert the dovetail cutter with the fixed bearing into the router
- If the enclosed cutter is not of the fixed bearing type, install both bearings onto dovetail cutter and insert into Router
- Set the height of the Dovetail Cutter Bit using the Depth Gauge

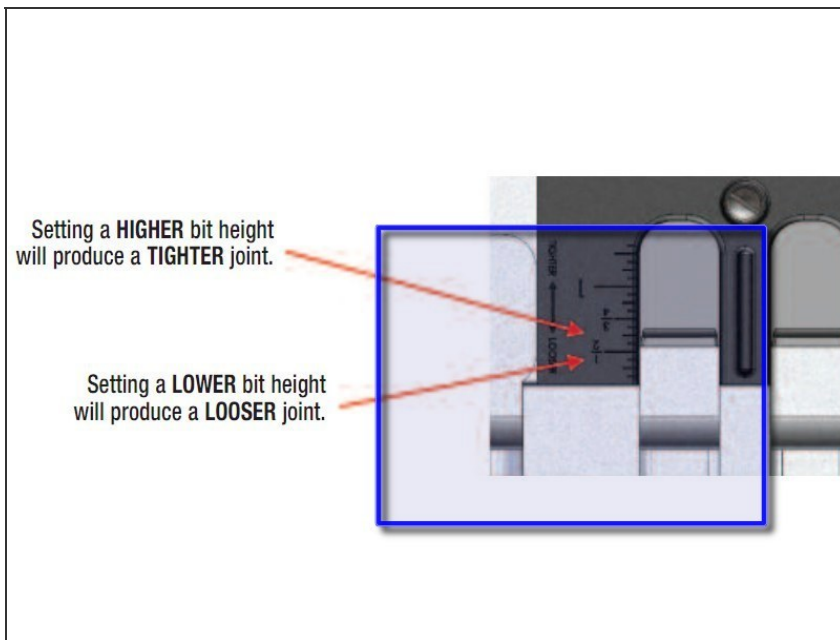


Step 5



- These images represent the dimension of the dovetail joint that the cutter height affects

Step 6



- The tightness of the joint (the fit between the two boards) can be adjusted by raising or lowering the height of the cutter

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